

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF022120\  
 Data File : FF006453.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Feb 2020 21:08  
 Sample : L1576-02 5X  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF021020.M  
 Title :

Signal : FID2B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.284       | 2.252        | 2.291      | BH       | 93             | 292          | 0.01%          | 0.000%        |
| 2         | 2.296       | 2.291        | 2.312      | PH       | 142            | 328          | 0.01%          | 0.000%        |
| 3         | 2.316       | 2.312        | 2.320      | PH       | 52             | 42           | 0.00%          | 0.000%        |
| 4         | 2.324       | 2.320        | 2.330      | PH       | 43             | 50           | 0.00%          | 0.000%        |
| 5         | 2.339       | 2.330        | 2.345      | PH       | 69             | 95           | 0.00%          | 0.000%        |
| 6         | 2.350       | 2.345        | 2.368      | PH       | -12            | -498         | -0.01%         | -0.000%       |
| 7         | 2.373       | 2.368        | 2.398      | PH       | 22             | -796         | -0.02%         | -0.001%       |
| 8         | 2.411       | 2.398        | 2.417      | PH       | -10            | -479         | -0.01%         | -0.000%       |
| 9         | 2.421       | 2.417        | 2.426      | PH       | -13            | -92          | -0.00%         | -0.000%       |
| 10        | 2.475       | 2.426        | 2.502      | PH       | 145            | 306          | 0.01%          | 0.000%        |
| 11        | 2.519       | 2.502        | 2.539      | PH       | 528            | 3962         | 0.08%          | 0.003%        |
| 12        | 2.549       | 2.539        | 2.578      | PH       | 83             | 50           | 0.00%          | 0.000%        |
| 13        | 2.589       | 2.578        | 2.611      | PH       | 111            | 121          | 0.00%          | 0.000%        |
| 14        | 2.615       | 2.611        | 2.625      | PH       | 10             | -446         | -0.01%         | -0.000%       |
| 15        | 2.629       | 2.625        | 2.655      | PH       | 38             | -1026        | -0.02%         | -0.001%       |
| 16        | 2.659       | 2.655        | 2.678      | PH       | -71            | -1091        | -0.02%         | -0.001%       |
| 17        | 2.683       | 2.678        | 2.693      | PH       | -64            | -621         | -0.01%         | -0.000%       |
| 18        | 2.731       | 2.693        | 2.737      | PH       | -18            | -1761        | -0.04%         | -0.001%       |
| 19        | 2.741       | 2.737        | 2.747      | PH       | -21            | -299         | -0.01%         | -0.000%       |
| 20        | 2.749       | 2.747        | 2.762      | PH       | 4              | -542         | -0.01%         | -0.000%       |
| 21        | 2.774       | 2.762        | 2.785      | PH       | 31             | -736         | -0.01%         | -0.001%       |
| 22        | 2.790       | 2.785        | 2.820      | PH       | 77             | -1832        | -0.04%         | -0.001%       |
| 23        | 2.831       | 2.820        | 2.844      | PH       | 56             | -541         | -0.01%         | -0.000%       |
| 24        | 2.859       | 2.844        | 2.866      | PH       | 1              | -789         | -0.02%         | -0.001%       |
| 25        | 2.874       | 2.866        | 2.887      | PH       | -39            | -1052        | -0.02%         | -0.001%       |
| 26        | 2.893       | 2.887        | 2.902      | PH       | -15            | -523         | -0.01%         | -0.000%       |
| 27        | 2.910       | 2.902        | 2.949      | PH       | 20             | -1671        | -0.03%         | -0.001%       |
| 28        | 2.952       | 2.949        | 2.964      | PH       | -23            | -710         | -0.01%         | -0.000%       |
| 29        | 2.974       | 2.964        | 2.982      | PH       | -33            | -663         | -0.01%         | -0.000%       |
| 30        | 3.014       | 2.982        | 3.040      | PH       | 104            | -169         | -0.00%         | -0.000%       |
| 31        | 3.044       | 3.040        | 3.048      | PH       | -9             | -101         | -0.00%         | -0.000%       |
| 32        | 3.055       | 3.048        | 3.066      | PH       | 54             | -48          | -0.00%         | -0.000%       |
| 33        | 3.074       | 3.066        | 3.080      | PH       | 9              | -101         | -0.00%         | -0.000%       |
| 34        | 3.089       | 3.080        | 3.107      | PH       | 103            | 176          | 0.00%          | 0.000%        |
| 35        | 3.114       | 3.107        | 3.134      | PH       | 5              | -502         | -0.01%         | -0.000%       |
| 36        | 3.138       | 3.134        | 3.165      | PH       | 2              | -469         | -0.01%         | -0.000%       |

|    |       |       |       |    |        |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
|    |       |       |       |    | rteres |        |        |         |
| 37 | 3.178 | 3.165 | 3.195 | PH | -14    | -794   | -0.02% | -0.001% |
| 38 | 3.211 | 3.195 | 3.215 | PH | 41     | -133   | -0.00% | -0.000% |
| 39 | 3.220 | 3.215 | 3.225 | PH | 8      | -69    | -0.00% | -0.000% |
| 40 | 3.240 | 3.225 | 3.249 | PH | 98     | 345    | 0.01%  | 0.000%  |
| 41 | 3.253 | 3.249 | 3.273 | PH | 42     | 30     | 0.00%  | 0.000%  |
| 42 | 3.279 | 3.273 | 3.284 | PH | 33     | -4     | -0.00% | -0.000% |
| 43 | 3.295 | 3.284 | 3.338 | PH | 64     | 394    | 0.01%  | 0.000%  |
| 44 | 3.342 | 3.338 | 3.346 | PH | -2     | -66    | -0.00% | -0.000% |
| 45 | 3.349 | 3.346 | 3.384 | PH | -8     | -723   | -0.01% | -0.000% |
| 46 | 3.394 | 3.384 | 3.405 | PH | 21     | -419   | -0.01% | -0.000% |
| 47 | 3.409 | 3.405 | 3.412 | PH | 3      | -97    | -0.00% | -0.000% |
| 48 | 3.417 | 3.412 | 3.453 | PH | 93     | 109    | 0.00%  | 0.000%  |
| 49 | 3.458 | 3.453 | 3.461 | PH | -44    | -193   | -0.00% | -0.000% |
| 50 | 3.466 | 3.461 | 3.474 | PH | 15     | -139   | -0.00% | -0.000% |
| 51 | 3.477 | 3.474 | 3.484 | PH | 57     | -46    | -0.00% | -0.000% |
| 52 | 3.501 | 3.484 | 3.517 | PH | 10     | -668   | -0.01% | -0.000% |
| 53 | 3.522 | 3.517 | 3.532 | PH | -20    | -462   | -0.01% | -0.000% |
| 54 | 3.536 | 3.532 | 3.550 | PH | -21    | -932   | -0.02% | -0.001% |
| 55 | 3.600 | 3.550 | 3.618 | PH | 68     | -669   | -0.01% | -0.000% |
| 56 | 3.625 | 3.618 | 3.665 | PH | 51     | -2065  | -0.04% | -0.001% |
| 57 | 3.681 | 3.665 | 3.700 | PH | 45     | -1358  | -0.03% | -0.001% |
| 58 | 3.714 | 3.700 | 3.727 | PH | -43    | -1330  | -0.03% | -0.001% |
| 59 | 3.737 | 3.727 | 3.767 | PH | -38    | -2302  | -0.05% | -0.002% |
| 60 | 3.778 | 3.767 | 3.788 | PH | -81    | -1381  | -0.03% | -0.001% |
| 61 | 3.802 | 3.788 | 3.817 | PH | -82    | -1752  | -0.04% | -0.001% |
| 62 | 3.823 | 3.817 | 3.844 | PH | -73    | -1824  | -0.04% | -0.001% |
| 63 | 3.861 | 3.844 | 3.874 | PH | 44     | -1593  | -0.03% | -0.001% |
| 64 | 3.878 | 3.874 | 3.901 | PH | -48    | -1574  | -0.03% | -0.001% |
| 65 | 3.914 | 3.901 | 3.957 | PH | -11    | -4074  | -0.08% | -0.003% |
| 66 | 3.977 | 3.957 | 4.034 | PH | 327    | 4066   | 0.08%  | 0.003%  |
| 67 | 4.038 | 4.034 | 4.044 | PH | 45     | -171   | -0.00% | -0.000% |
| 68 | 4.065 | 4.044 | 4.089 | PH | 52     | -745   | -0.01% | -0.001% |
| 69 | 4.103 | 4.089 | 4.117 | PH | -29    | -1037  | -0.02% | -0.001% |
| 70 | 4.136 | 4.117 | 4.160 | PH | 9      | -1231  | -0.02% | -0.001% |
| 71 | 4.173 | 4.160 | 4.246 | PH | -9     | -3749  | -0.08% | -0.003% |
| 72 | 4.272 | 4.246 | 4.284 | PH | -37    | -2457  | -0.05% | -0.002% |
| 73 | 4.296 | 4.284 | 4.307 | PH | -51    | -1655  | -0.03% | -0.001% |
| 74 | 4.323 | 4.307 | 4.353 | PH | -35    | -2683  | -0.05% | -0.002% |
| 75 | 4.371 | 4.353 | 4.401 | PH | 41     | -430   | -0.01% | -0.000% |
| 76 | 4.422 | 4.401 | 4.455 | PH | 96     | 405    | 0.01%  | 0.000%  |
| 77 | 4.470 | 4.455 | 4.507 | PH | 60     | -1014  | -0.02% | -0.001% |
| 78 | 4.522 | 4.507 | 4.549 | PH | 259    | 1959   | 0.04%  | 0.001%  |
| 79 | 4.564 | 4.549 | 4.587 | PH | 56     | -915   | -0.02% | -0.001% |
| 80 | 4.595 | 4.587 | 4.612 | PH | -18    | -1068  | -0.02% | -0.001% |
| 81 | 4.627 | 4.612 | 4.642 | PH | 12     | -1293  | -0.03% | -0.001% |
| 82 | 4.658 | 4.642 | 4.685 | PH | 25     | -2073  | -0.04% | -0.001% |
| 83 | 4.705 | 4.685 | 4.737 | PH | -23    | -3237  | -0.06% | -0.002% |
| 84 | 4.755 | 4.737 | 4.767 | PH | -12    | -1833  | -0.04% | -0.001% |
| 85 | 4.777 | 4.767 | 4.863 | PH | -51    | -8539  | -0.17% | -0.006% |
| 86 | 4.875 | 4.863 | 4.887 | PH | -159   | -2669  | -0.05% | -0.002% |
| 87 | 4.895 | 4.887 | 4.919 | PH | -114   | -3767  | -0.08% | -0.003% |
| 88 | 4.958 | 4.919 | 5.037 | PH | -4     | -12143 | -0.24% | -0.008% |
| 89 | 5.057 | 5.037 | 5.080 | PH | -96    | -4853  | -0.10% | -0.003% |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 5.107 | 5.080 | 5.129 | PH | -151   | -6534  | -0.13% | -0.004% |
| 91  | 5.139 | 5.129 | 5.165 | PH | -192   | -5299  | -0.11% | -0.004% |
| 92  | 5.175 | 5.165 | 5.210 | PH | -140   | -6257  | -0.13% | -0.004% |
| 93  | 5.233 | 5.210 | 5.282 | PH | -171   | -9196  | -0.18% | -0.006% |
| 94  | 5.303 | 5.282 | 5.347 | PH | -135   | -9163  | -0.18% | -0.006% |
| 95  | 5.353 | 5.347 | 5.380 | PH | -246   | -5432  | -0.11% | -0.004% |
| 96  | 5.401 | 5.380 | 5.477 | PH | -130   | -15482 | -0.31% | -0.011% |
| 97  | 5.484 | 5.477 | 5.504 | PH | -272   | -5290  | -0.11% | -0.004% |
| 98  | 5.527 | 5.504 | 5.535 | PH | -264   | -5839  | -0.12% | -0.004% |
| 99  | 5.544 | 5.535 | 5.552 | PH | -265   | -3021  | -0.06% | -0.002% |
| 100 | 5.559 | 5.552 | 5.575 | PH | -234   | -4023  | -0.08% | -0.003% |
| 101 | 5.584 | 5.575 | 5.629 | PH | -243   | -9819  | -0.20% | -0.007% |
| 102 | 5.666 | 5.629 | 5.674 | PH | -223   | -8299  | -0.17% | -0.006% |
| 103 | 5.688 | 5.674 | 5.702 | PH | -223   | -4521  | -0.09% | -0.003% |
| 104 | 5.710 | 5.702 | 5.730 | PH | -201   | -4988  | -0.10% | -0.003% |
| 105 | 5.742 | 5.730 | 5.764 | PH | -275   | -6229  | -0.12% | -0.004% |
| 106 | 5.780 | 5.764 | 5.797 | PH | -254   | -6278  | -0.13% | -0.004% |
| 107 | 5.803 | 5.797 | 5.812 | PH | -289   | -2979  | -0.06% | -0.002% |
| 108 | 5.819 | 5.812 | 5.849 | PH | -319   | -7349  | -0.15% | -0.005% |
| 109 | 5.856 | 5.849 | 5.888 | PH | -290   | -7260  | -0.15% | -0.005% |
| 110 | 5.958 | 5.888 | 5.985 | PH | -203   | -16988 | -0.34% | -0.012% |
| 111 | 5.988 | 5.985 | 6.032 | PH | -239   | -8974  | -0.18% | -0.006% |
| 112 | 6.042 | 6.032 | 6.072 | PH | -289   | -8871  | -0.18% | -0.006% |
| 113 | 6.101 | 6.072 | 6.126 | PH | -9     | -7720  | -0.15% | -0.005% |
| 114 | 6.133 | 6.126 | 6.142 | PH | -371   | -3859  | -0.08% | -0.003% |
| 115 | 6.150 | 6.142 | 6.210 | PH | -333   | -17662 | -0.35% | -0.012% |
| 116 | 6.231 | 6.210 | 6.260 | PH | -351   | -11820 | -0.24% | -0.008% |
| 117 | 6.265 | 6.260 | 6.284 | PH | -364   | -5668  | -0.11% | -0.004% |
| 118 | 6.348 | 6.284 | 6.377 | PH | -343   | -22463 | -0.45% | -0.015% |
| 119 | 6.385 | 6.377 | 6.434 | PH | -305   | -13140 | -0.26% | -0.009% |
| 120 | 6.445 | 6.434 | 6.469 | PH | -353   | -8797  | -0.18% | -0.006% |
| 121 | 6.506 | 6.469 | 6.525 | PH | -321   | -13490 | -0.27% | -0.009% |
| 122 | 6.543 | 6.525 | 6.604 | PH | -313   | -18618 | -0.37% | -0.013% |
| 123 | 6.610 | 6.604 | 6.650 | PH | -374   | -12135 | -0.24% | -0.008% |
| 124 | 6.661 | 6.650 | 6.676 | PH | -412   | -6730  | -0.13% | -0.005% |
| 125 | 6.684 | 6.676 | 6.695 | PH | -397   | -5295  | -0.11% | -0.004% |
| 126 | 6.724 | 6.695 | 6.757 | PH | -357   | -16036 | -0.32% | -0.011% |
| 127 | 6.769 | 6.757 | 6.776 | PH | -393   | -5152  | -0.10% | -0.004% |
| 128 | 6.788 | 6.776 | 6.840 | PH | -323   | -16857 | -0.34% | -0.012% |
| 129 | 6.881 | 6.840 | 6.899 | PH | -331   | -14516 | -0.29% | -0.010% |
| 130 | 6.918 | 6.899 | 6.930 | PH | -342   | -7119  | -0.14% | -0.005% |
| 131 | 6.939 | 6.930 | 6.962 | PH | -377   | -7572  | -0.15% | -0.005% |
| 132 | 6.973 | 6.962 | 6.983 | PH | -336   | -4608  | -0.09% | -0.003% |
| 133 | 6.991 | 6.983 | 7.006 | PH | -314   | -5305  | -0.11% | -0.004% |
| 134 | 7.015 | 7.006 | 7.030 | PH | -320   | -5597  | -0.11% | -0.004% |
| 135 | 7.043 | 7.030 | 7.076 | PH | -279   | -9870  | -0.20% | -0.007% |
| 136 | 7.089 | 7.076 | 7.127 | PH | -292   | -11654 | -0.23% | -0.008% |
| 137 | 7.147 | 7.127 | 7.169 | PH | -372   | -10238 | -0.20% | -0.007% |
| 138 | 7.180 | 7.169 | 7.285 | PH | -304   | -29429 | -0.59% | -0.020% |
| 139 | 7.311 | 7.285 | 7.353 | PH | -293   | -16104 | -0.32% | -0.011% |
| 140 | 7.362 | 7.353 | 7.375 | PH | -399   | -5886  | -0.12% | -0.004% |
| 141 | 7.382 | 7.375 | 7.390 | PH | -464   | -3992  | -0.08% | -0.003% |

|     |        |        |        |    | rteres |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
| 142 | 7.396  | 7.390  | 7.419  | PH | -428   | -7531  | -0.15% | -0.005% |
| 143 | 7.429  | 7.419  | 7.450  | PH | -392   | -8220  | -0.16% | -0.006% |
| 144 | 7.466  | 7.450  | 7.499  | PH | -370   | -12354 | -0.25% | -0.008% |
| 145 | 7.518  | 7.499  | 7.563  | PH | -369   | -16672 | -0.33% | -0.011% |
|     |        |        |        |    |        |        |        |         |
| 146 | 7.573  | 7.563  | 7.592  | PH | -418   | -7341  | -0.15% | -0.005% |
| 147 | 7.603  | 7.592  | 7.632  | PH | -332   | -10366 | -0.21% | -0.007% |
| 148 | 7.643  | 7.632  | 7.665  | PH | -397   | -9444  | -0.19% | -0.006% |
| 149 | 7.673  | 7.665  | 7.691  | PH | -448   | -7310  | -0.15% | -0.005% |
| 150 | 7.732  | 7.691  | 7.764  | PH | -298   | -18706 | -0.37% | -0.013% |
|     |        |        |        |    |        |        |        |         |
| 151 | 7.786  | 7.764  | 7.817  | PH | -391   | -13682 | -0.27% | -0.009% |
| 152 | 7.822  | 7.817  | 7.861  | PH | -377   | -11434 | -0.23% | -0.008% |
| 153 | 7.885  | 7.861  | 7.895  | PH | -363   | -8811  | -0.18% | -0.006% |
| 154 | 7.923  | 7.895  | 7.945  | PH | -333   | -12779 | -0.26% | -0.009% |
| 155 | 7.976  | 7.945  | 7.985  | PH | -423   | -10884 | -0.22% | -0.007% |
|     |        |        |        |    |        |        |        |         |
| 156 | 7.995  | 7.985  | 8.017  | PH | -403   | -7681  | -0.15% | -0.005% |
| 157 | 8.025  | 8.017  | 8.033  | PH | -387   | -4166  | -0.08% | -0.003% |
| 158 | 8.089  | 8.033  | 8.099  | PH | -305   | -15107 | -0.30% | -0.010% |
| 159 | 8.141  | 8.099  | 8.162  | PH | 314    | -5757  | -0.12% | -0.004% |
| 160 | 8.177  | 8.162  | 8.211  | PH | -141   | -7892  | -0.16% | -0.005% |
|     |        |        |        |    |        |        |        |         |
| 161 | 8.239  | 8.211  | 8.329  | PH | 2198   | 14821  | 0.30%  | 0.010%  |
| 162 | 8.342  | 8.329  | 8.391  | PH | -213   | -11359 | -0.23% | -0.008% |
| 163 | 8.402  | 8.391  | 8.441  | PH | -279   | -10346 | -0.21% | -0.007% |
| 164 | 8.475  | 8.441  | 8.498  | PH | -338   | -13413 | -0.27% | -0.009% |
| 165 | 8.538  | 8.498  | 8.561  | PH | -301   | -13375 | -0.27% | -0.009% |
|     |        |        |        |    |        |        |        |         |
| 166 | 8.590  | 8.561  | 8.631  | PH | -229   | -12297 | -0.25% | -0.008% |
| 167 | 8.638  | 8.631  | 8.691  | PH | -243   | -10410 | -0.21% | -0.007% |
| 168 | 8.712  | 8.691  | 8.761  | PH | -185   | -14192 | -0.28% | -0.010% |
| 169 | 8.785  | 8.761  | 8.805  | PH | -314   | -9864  | -0.20% | -0.007% |
| 170 | 8.821  | 8.805  | 8.835  | PH | -299   | -6479  | -0.13% | -0.004% |
|     |        |        |        |    |        |        |        |         |
| 171 | 8.845  | 8.835  | 8.878  | PH | 105    | -8135  | -0.16% | -0.006% |
| 172 | 8.895  | 8.878  | 8.953  | PH | -146   | -12200 | -0.24% | -0.008% |
| 173 | 8.996  | 8.953  | 9.109  | PH | 90     | -25830 | -0.52% | -0.018% |
| 174 | 9.148  | 9.109  | 9.175  | PH | -226   | -12475 | -0.25% | -0.009% |
| 175 | 9.200  | 9.175  | 9.267  | PH | -251   | -18617 | -0.37% | -0.013% |
|     |        |        |        |    |        |        |        |         |
| 176 | 9.280  | 9.267  | 9.308  | PH | -266   | -8171  | -0.16% | -0.006% |
| 177 | 9.327  | 9.308  | 9.349  | PH | -247   | -7408  | -0.15% | -0.005% |
| 178 | 9.370  | 9.349  | 9.392  | PH | -127   | -5492  | -0.11% | -0.004% |
| 179 | 9.449  | 9.392  | 9.469  | PH | -171   | -10419 | -0.21% | -0.007% |
| 180 | 9.491  | 9.469  | 9.508  | PH | -244   | -5836  | -0.12% | -0.004% |
|     |        |        |        |    |        |        |        |         |
| 181 | 9.519  | 9.508  | 9.584  | PH | -227   | -12459 | -0.25% | -0.009% |
| 182 | 9.606  | 9.584  | 9.660  | PH | -245   | -14847 | -0.30% | -0.010% |
| 183 | 9.708  | 9.660  | 9.755  | PH | -151   | -13254 | -0.27% | -0.009% |
| 184 | 9.772  | 9.755  | 9.785  | PH | 244    | 528    | 0.01%  | 0.000%  |
| 185 | 9.806  | 9.785  | 9.897  | PH | 1170   | 19511  | 0.39%  | 0.013%  |
|     |        |        |        |    |        |        |        |         |
| 186 | 9.925  | 9.897  | 10.008 | PH | 695    | 4000   | 0.08%  | 0.003%  |
| 187 | 10.043 | 10.008 | 10.071 | PH | -152   | -7423  | -0.15% | -0.005% |
| 188 | 10.083 | 10.071 | 10.087 | PH | -203   | -2067  | -0.04% | -0.001% |
| 189 | 10.112 | 10.087 | 10.123 | PH | -82    | -3301  | -0.07% | -0.002% |
| 190 | 10.159 | 10.123 | 10.191 | PH | 185    | -3126  | -0.06% | -0.002% |
|     |        |        |        |    |        |        |        |         |
| 191 | 10.215 | 10.191 | 10.227 | PH | -42    | -2331  | -0.05% | -0.002% |
| 192 | 10.245 | 10.227 | 10.269 | PH | 27     | -2275  | -0.05% | -0.002% |
| 193 | 10.296 | 10.269 | 10.304 | PH | -44    | -2562  | -0.05% | -0.002% |
| 194 | 10.312 | 10.304 | 10.345 | PH | -29    | -3054  | -0.06% | -0.002% |

|     |        |        |        |    |        |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
|     |        |        |        |    | rteres |        |        |         |
| 195 | 10.366 | 10.345 | 10.384 | PH | -69    | -3539  | -0.07% | -0.002% |
| 196 | 10.416 | 10.384 | 10.451 | PH | 44     | -1237  | -0.02% | -0.001% |
| 197 | 10.508 | 10.451 | 10.547 | PH | 457    | 6913   | 0.14%  | 0.005%  |
| 198 | 10.580 | 10.547 | 10.621 | PH | 353    | 2273   | 0.05%  | 0.002%  |
| 199 | 10.644 | 10.621 | 10.688 | PH | 142    | -1649  | -0.03% | -0.001% |
| 200 | 10.698 | 10.688 | 10.711 | PH | -109   | -1905  | -0.04% | -0.001% |
| 201 | 10.728 | 10.711 | 10.742 | PH | 40     | -1072  | -0.02% | -0.001% |
| 202 | 10.769 | 10.742 | 10.821 | PH | 689    | 9407   | 0.19%  | 0.006%  |
| 203 | 10.846 | 10.821 | 10.864 | PH | 201    | 1831   | 0.04%  | 0.001%  |
| 204 | 10.899 | 10.864 | 10.944 | PH | 88     | -281   | -0.01% | -0.000% |
| 205 | 10.957 | 10.944 | 10.995 | PH | -26    | -1791  | -0.04% | -0.001% |
| 206 | 11.012 | 10.995 | 11.025 | PH | -36    | -1493  | -0.03% | -0.001% |
| 207 | 11.031 | 11.025 | 11.044 | PH | -29    | -754   | -0.02% | -0.001% |
| 208 | 11.069 | 11.044 | 11.111 | PH | 229    | 1163   | 0.02%  | 0.001%  |
| 209 | 11.135 | 11.111 | 11.166 | PH | 72     | -168   | -0.00% | -0.000% |
| 210 | 11.209 | 11.166 | 11.242 | PH | 487    | 6091   | 0.12%  | 0.004%  |
| 211 | 11.255 | 11.242 | 11.271 | PH | 33     | -225   | -0.00% | -0.000% |
| 212 | 11.298 | 11.271 | 11.350 | PH | 384    | 4806   | 0.10%  | 0.003%  |
| 213 | 11.361 | 11.350 | 11.372 | PH | 62     | 70     | 0.00%  | 0.000%  |
| 214 | 11.378 | 11.372 | 11.384 | PH | -11    | -214   | -0.00% | -0.000% |
| 215 | 11.402 | 11.384 | 11.428 | PH | 163    | 1469   | 0.03%  | 0.001%  |
| 216 | 11.451 | 11.428 | 11.467 | HH | 189    | 2728   | 0.05%  | 0.002%  |
| 217 | 11.507 | 11.467 | 11.519 | HH | 185    | 4505   | 0.09%  | 0.003%  |
| 218 | 11.568 | 11.519 | 11.582 | HH | 340    | 7649   | 0.15%  | 0.005%  |
| 219 | 11.627 | 11.582 | 11.661 | HH | 1260   | 29188  | 0.58%  | 0.020%  |
| 220 | 11.685 | 11.661 | 11.702 | HH | 624    | 11814  | 0.24%  | 0.008%  |
| 221 | 11.713 | 11.702 | 11.735 | HH | 512    | 7879   | 0.16%  | 0.005%  |
| 222 | 11.745 | 11.735 | 11.787 | HH | 390    | 10058  | 0.20%  | 0.007%  |
| 223 | 11.876 | 11.787 | 11.906 | HH | 892    | 35224  | 0.71%  | 0.024%  |
| 224 | 11.915 | 11.906 | 11.921 | HH | 493    | 4134   | 0.08%  | 0.003%  |
| 225 | 11.938 | 11.921 | 11.951 | HH | 533    | 8712   | 0.17%  | 0.006%  |
| 226 | 11.968 | 11.951 | 12.027 | HH | 651    | 23203  | 0.46%  | 0.016%  |
| 227 | 12.049 | 12.027 | 12.058 | HH | 519    | 9097   | 0.18%  | 0.006%  |
| 228 | 12.123 | 12.058 | 12.184 | HH | 1660   | 60518  | 1.21%  | 0.041%  |
| 229 | 12.206 | 12.184 | 12.225 | HH | 795    | 17114  | 0.34%  | 0.012%  |
| 230 | 12.243 | 12.225 | 12.268 | HH | 782    | 18853  | 0.38%  | 0.013%  |
| 231 | 12.283 | 12.268 | 12.299 | HH | 807    | 13651  | 0.27%  | 0.009%  |
| 232 | 12.307 | 12.299 | 12.318 | HH | 732    | 8463   | 0.17%  | 0.006%  |
| 233 | 12.349 | 12.318 | 12.371 | HH | 839    | 24691  | 0.49%  | 0.017%  |
| 234 | 12.380 | 12.371 | 12.411 | HH | 831    | 18665  | 0.37%  | 0.013%  |
| 235 | 12.462 | 12.411 | 12.487 | HH | 1292   | 45765  | 0.92%  | 0.031%  |
| 236 | 12.514 | 12.487 | 12.554 | HH | 1671   | 50299  | 1.01%  | 0.034%  |
| 237 | 12.580 | 12.554 | 12.625 | HH | 3198   | 73851  | 1.48%  | 0.051%  |
| 238 | 12.632 | 12.625 | 12.671 | HH | 1236   | 31762  | 0.64%  | 0.022%  |
| 239 | 12.792 | 12.671 | 12.825 | HH | 1458   | 114594 | 2.29%  | 0.078%  |
| 240 | 12.837 | 12.825 | 12.849 | HH | 1412   | 19383  | 0.39%  | 0.013%  |
| 241 | 12.878 | 12.849 | 12.898 | HH | 3131   | 61443  | 1.23%  | 0.042%  |
| 242 | 12.913 | 12.898 | 12.961 | HH | 2178   | 71887  | 1.44%  | 0.049%  |
| 243 | 13.002 | 12.961 | 13.038 | HH | 2044   | 82769  | 1.66%  | 0.057%  |
| 244 | 13.064 | 13.038 | 13.100 | HH | 1884   | 66917  | 1.34%  | 0.046%  |
| 245 | 13.126 | 13.100 | 13.145 | HH | 2488   | 56890  | 1.14%  | 0.039%  |
| 246 | 13.167 | 13.145 | 13.181 | HH | 2240   | 47159  | 0.94%  | 0.032%  |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 13.220 | 13.181 | 13.274 | HH | 2179   | 116032 | 2.32%  | 0.079% |
| 248 | 13.322 | 13.274 | 13.338 | HH | 2529   | 88280  | 1.77%  | 0.060% |
| 249 | 13.345 | 13.338 | 13.377 | HH | 2499   | 56372  | 1.13%  | 0.039% |
| 250 | 13.401 | 13.377 | 13.418 | HH | 2522   | 59254  | 1.19%  | 0.041% |
|     |        |        |        |    |        |        |        |        |
| 251 | 13.466 | 13.418 | 13.491 | HH | 2778   | 112690 | 2.26%  | 0.077% |
| 252 | 13.538 | 13.491 | 13.555 | HH | 2846   | 103403 | 2.07%  | 0.071% |
| 253 | 13.572 | 13.555 | 13.595 | HH | 2996   | 68857  | 1.38%  | 0.047% |
| 254 | 13.615 | 13.595 | 13.633 | HH | 3163   | 69545  | 1.39%  | 0.048% |
| 255 | 13.660 | 13.633 | 13.681 | HH | 3471   | 90278  | 1.81%  | 0.062% |
|     |        |        |        |    |        |        |        |        |
| 256 | 13.710 | 13.681 | 13.774 | HH | 4265   | 196502 | 3.93%  | 0.134% |
| 257 | 13.791 | 13.774 | 13.804 | HH | 3437   | 59848  | 1.20%  | 0.041% |
| 258 | 13.821 | 13.804 | 13.840 | HH | 3452   | 72871  | 1.46%  | 0.050% |
| 259 | 13.853 | 13.840 | 13.875 | HH | 3490   | 71471  | 1.43%  | 0.049% |
| 260 | 13.935 | 13.875 | 13.966 | HH | 4072   | 204263 | 4.09%  | 0.140% |
|     |        |        |        |    |        |        |        |        |
| 261 | 14.018 | 13.966 | 14.051 | HH | 3955   | 197971 | 3.96%  | 0.135% |
| 262 | 14.098 | 14.051 | 14.153 | HH | 5205   | 274043 | 5.49%  | 0.187% |
| 263 | 14.218 | 14.153 | 14.248 | HH | 5098   | 261718 | 5.24%  | 0.179% |
| 264 | 14.273 | 14.248 | 14.296 | HH | 6572   | 161806 | 3.24%  | 0.111% |
| 265 | 14.325 | 14.296 | 14.375 | HH | 15462  | 394891 | 7.91%  | 0.270% |
|     |        |        |        |    |        |        |        |        |
| 266 | 14.387 | 14.375 | 14.421 | HH | 5799   | 155266 | 3.11%  | 0.106% |
| 267 | 14.438 | 14.421 | 14.455 | HH | 5411   | 106635 | 2.14%  | 0.073% |
| 268 | 14.489 | 14.455 | 14.506 | HH | 5857   | 171788 | 3.44%  | 0.117% |
| 269 | 14.525 | 14.506 | 14.543 | HH | 5848   | 125855 | 2.52%  | 0.086% |
| 270 | 14.560 | 14.543 | 14.571 | HH | 5819   | 94357  | 1.89%  | 0.065% |
|     |        |        |        |    |        |        |        |        |
| 271 | 14.604 | 14.571 | 14.639 | HH | 34226  | 611778 | 12.25% | 0.418% |
| 272 | 14.650 | 14.639 | 14.680 | HH | 6241   | 150803 | 3.02%  | 0.103% |
| 273 | 14.694 | 14.680 | 14.715 | HH | 6054   | 123772 | 2.48%  | 0.085% |
| 274 | 14.789 | 14.715 | 14.831 | HH | 15115  | 593982 | 11.89% | 0.406% |
| 275 | 14.851 | 14.831 | 14.868 | HH | 7350   | 155801 | 3.12%  | 0.107% |
|     |        |        |        |    |        |        |        |        |
| 276 | 14.899 | 14.868 | 14.931 | HH | 6919   | 257590 | 5.16%  | 0.176% |
| 277 | 14.954 | 14.931 | 14.968 | HH | 6998   | 151863 | 3.04%  | 0.104% |
| 278 | 15.008 | 14.968 | 15.031 | HH | 7041   | 257239 | 5.15%  | 0.176% |
| 279 | 15.056 | 15.031 | 15.064 | HH | 7210   | 137979 | 2.76%  | 0.094% |
| 280 | 15.075 | 15.064 | 15.099 | HH | 7202   | 150601 | 3.02%  | 0.103% |
|     |        |        |        |    |        |        |        |        |
| 281 | 15.119 | 15.099 | 15.128 | HH | 7413   | 126975 | 2.54%  | 0.087% |
| 282 | 15.138 | 15.128 | 15.155 | HH | 7560   | 119983 | 2.40%  | 0.082% |
| 283 | 15.185 | 15.155 | 15.290 | HH | 24457  | 906666 | 18.15% | 0.620% |
| 284 | 15.325 | 15.290 | 15.365 | HH | 10570  | 399548 | 8.00%  | 0.273% |
| 285 | 15.399 | 15.365 | 15.438 | HH | 10680  | 412986 | 8.27%  | 0.282% |
|     |        |        |        |    |        |        |        |        |
| 286 | 15.466 | 15.438 | 15.490 | HH | 9168   | 275467 | 5.52%  | 0.188% |
| 287 | 15.588 | 15.490 | 15.602 | HH | 9990   | 630012 | 12.61% | 0.431% |
| 288 | 15.649 | 15.602 | 15.661 | HH | 10082  | 346537 | 6.94%  | 0.237% |
| 289 | 15.675 | 15.661 | 15.688 | HH | 10051  | 159395 | 3.19%  | 0.109% |
| 290 | 15.708 | 15.688 | 15.730 | HH | 10619  | 262116 | 5.25%  | 0.179% |
|     |        |        |        |    |        |        |        |        |
| 291 | 15.742 | 15.730 | 15.759 | HH | 10593  | 184558 | 3.70%  | 0.126% |
| 292 | 15.778 | 15.759 | 15.795 | HH | 10773  | 225460 | 4.51%  | 0.154% |
| 293 | 15.825 | 15.795 | 15.847 | HH | 13776  | 377955 | 7.57%  | 0.259% |
| 294 | 15.864 | 15.847 | 15.901 | HH | 11628  | 370441 | 7.42%  | 0.253% |
| 295 | 15.920 | 15.901 | 15.934 | HH | 11294  | 218835 | 4.38%  | 0.150% |
|     |        |        |        |    |        |        |        |        |
| 296 | 15.958 | 15.934 | 15.975 | HH | 11380  | 276131 | 5.53%  | 0.189% |
| 297 | 16.018 | 15.975 | 16.048 | HH | 12364  | 521606 | 10.44% | 0.357% |
| 298 | 16.055 | 16.048 | 16.062 | HH | 12130  | 100978 | 2.02%  | 0.069% |
| 299 | 16.144 | 16.062 | 16.163 | HH | 13188  | 770459 | 15.43% | 0.527% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 16.198 | 16.163 | 16.241 | HH | 14838  | 646424  | 12.94% | 0.442% |
| 301 | 16.306 | 16.241 | 16.355 | HH | 19206  | 1014413 | 20.31% | 0.694% |
| 302 | 16.385 | 16.355 | 16.411 | HH | 14906  | 487879  | 9.77%  | 0.334% |
| 303 | 16.438 | 16.411 | 16.455 | HH | 16364  | 402277  | 8.05%  | 0.275% |
| 304 | 16.468 | 16.455 | 16.481 | HH | 15451  | 244657  | 4.90%  | 0.167% |
| 305 | 16.524 | 16.481 | 16.545 | HH | 16052  | 591740  | 11.85% | 0.405% |
| 306 | 16.584 | 16.545 | 16.591 | HH | 15995  | 438400  | 8.78%  | 0.300% |
| 307 | 16.630 | 16.591 | 16.669 | HH | 16930  | 759131  | 15.20% | 0.519% |
| 308 | 16.690 | 16.669 | 16.715 | HH | 16826  | 457011  | 9.15%  | 0.313% |
| 309 | 16.771 | 16.715 | 16.802 | HH | 22607  | 964175  | 19.31% | 0.659% |
| 310 | 16.818 | 16.802 | 16.889 | HH | 19269  | 952670  | 19.07% | 0.652% |
| 311 | 17.015 | 16.889 | 17.044 | HH | 19628  | 1720684 | 34.45% | 1.177% |
| 312 | 17.097 | 17.044 | 17.114 | HH | 20416  | 821909  | 16.46% | 0.562% |
| 313 | 17.133 | 17.114 | 17.167 | HH | 20798  | 654821  | 13.11% | 0.448% |
| 314 | 17.219 | 17.167 | 17.246 | HH | 26024  | 1052504 | 21.07% | 0.720% |
| 315 | 17.265 | 17.246 | 17.280 | HH | 20992  | 417836  | 8.37%  | 0.286% |
| 316 | 17.337 | 17.280 | 17.371 | HH | 22748  | 1177229 | 23.57% | 0.805% |
| 317 | 17.397 | 17.371 | 17.441 | HH | 22158  | 910277  | 18.23% | 0.623% |
| 318 | 17.458 | 17.441 | 17.471 | HH | 21887  | 391153  | 7.83%  | 0.268% |
| 319 | 17.577 | 17.471 | 17.591 | HH | 23893  | 1628906 | 32.61% | 1.114% |
| 320 | 17.609 | 17.591 | 17.621 | HH | 24269  | 436541  | 8.74%  | 0.299% |
| 321 | 17.654 | 17.621 | 17.688 | HH | 31085  | 1053269 | 21.09% | 0.720% |
| 322 | 17.707 | 17.688 | 17.723 | HH | 25429  | 518158  | 10.37% | 0.354% |
| 323 | 17.743 | 17.723 | 17.768 | HH | 25171  | 671040  | 13.44% | 0.459% |
| 324 | 17.803 | 17.768 | 17.878 | HH | 27528  | 1710980 | 34.26% | 1.170% |
| 325 | 17.903 | 17.878 | 17.912 | HH | 26066  | 521009  | 10.43% | 0.356% |
| 326 | 17.932 | 17.912 | 17.951 | HH | 26401  | 623634  | 12.49% | 0.427% |
| 327 | 18.010 | 17.951 | 18.044 | HH | 34329  | 1645465 | 32.95% | 1.125% |
| 328 | 18.074 | 18.044 | 18.101 | HH | 32740  | 1013695 | 20.30% | 0.693% |
| 329 | 18.171 | 18.101 | 18.223 | HH | 30816  | 2118614 | 42.42% | 1.449% |
| 330 | 18.237 | 18.223 | 18.265 | HH | 29242  | 720490  | 14.43% | 0.493% |
| 331 | 18.312 | 18.265 | 18.324 | HH | 30410  | 1058792 | 21.20% | 0.724% |
| 332 | 18.334 | 18.324 | 18.359 | HH | 30528  | 634407  | 12.70% | 0.434% |
| 333 | 18.387 | 18.359 | 18.404 | HH | 30829  | 822431  | 16.47% | 0.563% |
| 334 | 18.480 | 18.404 | 18.518 | HH | 36581  | 2207322 | 44.20% | 1.510% |
| 335 | 18.588 | 18.518 | 18.617 | HH | 34817  | 1948778 | 39.02% | 1.333% |
| 336 | 18.639 | 18.617 | 18.704 | HH | 34558  | 1767877 | 35.40% | 1.209% |
| 337 | 18.767 | 18.704 | 18.789 | HH | 35206  | 1763609 | 35.31% | 1.206% |
| 338 | 18.838 | 18.789 | 18.858 | HH | 39922  | 1538156 | 30.80% | 1.052% |
| 339 | 18.877 | 18.858 | 18.933 | HH | 39477  | 1708548 | 34.21% | 1.169% |
| 340 | 18.989 | 18.933 | 19.004 | HH | 38439  | 1603287 | 32.10% | 1.097% |
| 341 | 19.035 | 19.004 | 19.045 | HH | 38660  | 940135  | 18.82% | 0.643% |
| 342 | 19.075 | 19.045 | 19.095 | HH | 39646  | 1170381 | 23.43% | 0.801% |
| 343 | 19.112 | 19.095 | 19.129 | HH | 39612  | 808532  | 16.19% | 0.553% |
| 344 | 19.159 | 19.129 | 19.171 | HH | 40235  | 1014817 | 20.32% | 0.694% |
| 345 | 19.200 | 19.171 | 19.215 | HH | 40683  | 1051560 | 21.05% | 0.719% |
| 346 | 19.264 | 19.215 | 19.280 | HH | 43998  | 1648055 | 33.00% | 1.127% |
| 347 | 19.292 | 19.280 | 19.318 | HH | 43137  | 983425  | 19.69% | 0.673% |
| 348 | 19.328 | 19.318 | 19.352 | HH | 43042  | 871918  | 17.46% | 0.596% |
| 349 | 19.380 | 19.352 | 19.396 | HH | 44714  | 1152942 | 23.08% | 0.789% |
| 350 | 19.548 | 19.396 | 19.571 | HH | 47282  | 4792803 | 95.96% | 3.278% |
| 351 | 19.629 | 19.571 | 19.672 | HH | 51486  | 2985787 | 59.78% | 2.042% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rteres  |           |        |
| 352 | 19.687 | 19.672 | 19.706 | HH  | 49845                   | 1011170 | 20.25%    | 0.692% |
| 353 | 19.793 | 19.706 | 19.808 | HH  | 52104                   | 3094456 | 61.96%    | 2.117% |
| 354 | 19.878 | 19.808 | 19.886 | HH  | 53479                   | 2491539 | 49.89%    | 1.704% |
| 355 | 19.998 | 19.886 | 20.012 | HH  | 57416                   | 4121276 | 82.52%    | 2.819% |
| 356 | 20.023 | 20.012 | 20.032 | HH  | 57154                   | 691004  | 13.84%    | 0.473% |
| 357 | 20.078 | 20.032 | 20.121 | HH  | 58354                   | 3100171 | 62.07%    | 2.120% |
| 358 | 20.163 | 20.121 | 20.184 | HH  | 60772                   | 2222506 | 44.50%    | 1.520% |
| 359 | 20.220 | 20.184 | 20.228 | HH  | 61914                   | 1622485 | 32.49%    | 1.110% |
| 360 | 20.276 | 20.228 | 20.285 | HH  | 63156                   | 2123308 | 42.51%    | 1.452% |
| 361 | 20.349 | 20.285 | 20.362 | HH  | 65388                   | 2973896 | 59.54%    | 2.034% |
| 362 | 20.373 | 20.362 | 20.395 | HH  | 64609                   | 1259220 | 25.21%    | 0.861% |
| 363 | 20.426 | 20.395 | 20.435 | HH  | 65429                   | 1556755 | 31.17%    | 1.065% |
| 364 | 20.507 | 20.435 | 20.531 | HH  | 68513                   | 3886402 | 77.82%    | 2.658% |
| 365 | 20.543 | 20.531 | 20.638 | HH  | 68073                   | 4225510 | 84.61%    | 2.890% |
| 366 | 20.721 | 20.638 | 20.763 | HH  | 68518                   | 4994386 | 100.00%   | 3.416% |
| 367 | 20.807 | 20.763 | 20.848 | HH  | 67693                   | 3434409 | 68.77%    | 2.349% |
| 368 | 20.857 | 20.848 | 20.911 | HH  | 66874                   | 2506563 | 50.19%    | 1.714% |
| 369 | 20.927 | 20.911 | 20.975 | HH  | 66741                   | 2532263 | 50.70%    | 1.732% |
| 370 | 20.995 | 20.975 | 21.030 | HH  | 66833                   | 2228302 | 44.62%    | 1.524% |
| 371 | 21.040 | 21.030 | 21.080 | HH  | 66537                   | 1982713 | 39.70%    | 1.356% |
| 372 | 21.098 | 21.080 | 21.184 | HH  | 66746                   | 4121727 | 82.53%    | 2.819% |
| 373 | 21.207 | 21.184 | 21.304 | HH  | 64698                   | 4594605 | 92.00%    | 3.143% |
| 374 | 21.379 | 21.304 | 21.388 | HH  | 64965                   | 3246446 | 65.00%    | 2.221% |
| 375 | 21.400 | 21.388 | 21.505 | HH  | 65107                   | 4430768 | 88.71%    | 3.031% |
| 376 | 21.525 | 21.505 | 21.554 | HH  | 61467                   | 1834068 | 36.72%    | 1.254% |
| 377 | 21.603 | 21.554 | 21.619 | HH  | 62656                   | 2388395 | 47.82%    | 1.634% |
| 378 | 21.627 | 21.619 | 21.661 | HHA | 62505                   | 1650822 | 33.05%    | 1.129% |
|     |        |        |        |     | Sum of corrected areas: |         | 146203010 |        |

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